

CLAIMS

1. Process for the preparation of ammonia comprising contacting ammonia synthesis gas with one or more catalysts, at least one catalyst having supported ruthenium as the active catalytic material supported on a nitride on a secondary support.
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2. Process for the preparation of ammonia according to claim 1, wherein the secondary support comprises alumina, silica, magnesium oxide or magnesium aluminium spinel.
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3. Process for the preparation of ammonia according to claim 1, wherein the catalyst having ruthenium as the active catalytic material is supported on boron nitride on a secondary support.
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4. Process for the preparation of ammonia according to claim 1, wherein the catalyst having ruthenium as the active catalytic material is supported on silicon nitride on a secondary support.
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5. Catalyst active in the preparation of ammonia from ammonia synthesis gas according to the process of claim 1 comprising ruthenium as the active catalytic material supported on a nitride on a secondary support.
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6. Catalyst according to claim 5, wherein the secondary support comprises alumina, silica, magnesium oxide or magnesium aluminium spinel.
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7. Catalyst according to claim 5, wherein ruthenium as the active catalytic material is supported on boron nitride on a secondary support.

5 8. Catalyst according to claim 5, wherein ruthenium as the active catalytic material is supported on silicon nitride on a secondary support.